

IN THE CLAIMS:

Please AMEND claims 17-18; and

Please ADD claims 19-37, as shown below.

1. (Previously Presented) A method, comprising:

maintaining, in a first entity of a communication system, registration information from a plurality of users;

maintaining, in a second entity of the communication system, information associated with said plurality of users, wherein said second entity information is dependent on the registration information;

sending a subscribe message for an event from the second entity to the first entity, wherein the event is a change in the registration information of at least one of the plurality of users at the first entity;

receiving at the first entity a register message from at least one user, said message changing the registration information of said at least one user; and

sending a notification from the first entity to the second entity in response to the register message, wherein the notification includes information associated with said at least one user.

2. (Previously Presented) The method as claimed in claim 1, further comprising:

defining an event package associated with said event.

3. (Previously Presented) The method as claimed in claim 2, further comprising:
configuring the first entity to be a registrar.

4. (Previously Presented) The method as claimed in claim 3, wherein the sending
the subscribe message for the change in registration information relates to presence
information.

5. (Previously Presented) The method as claim in claim 4, further comprising:
configuring the second entity to be a presence server.

6. (Previously Presented) The method as claimed in claim 1, further comprising:
operating the system in accordance with a session initiation protocol.

7. (Previously Presented) The method as claimed in claim 6, wherein the sending
the subscribe message comprises sending a session initiation protocol SUBSCRIBE
message, and the sending the notification comprises sending a session initiation protocol
NOTIFY message.

8. (Previously Presented) The method as claimed in claim 1, further comprising:

sending, by a third entity, a subscribe message to the second entity for information associated with said at least one user.

9. (Previously Presented) The method as claimed in claim 8, further comprising:
sending, by the second entity, a notification to the third entity in response to the notification received at the second entity, wherein said sent notification by the second entity includes information associated with said at least one user.

10. (Previously Presented) The method as claimed in claim 8, further comprising:
configuring the third entity to be an application server.

11. (Previously Presented) A communication system, comprising:
a first entity configured to maintain registration information from a plurality of users; and

a second entity configured to maintain information associated with said plurality of users, wherein said second entity information is dependent on the registration information,

wherein said second entity is configured to send a subscribe message for an event to the first entity,

wherein said first entity is configured to receive a register message from at least one user, said register message configured to change the registration information of said at least one user,

wherein the event is associated with a change in the registration information of at least one of the plurality of users at the first entity,

wherein said first entity is configured to send a notification from the first entity to the second entity in response to the register message, and

wherein the notification includes information associated with said at least one user.

12. (Previously Presented) The communication system as claimed in claim 11, further comprising:

an event package associated with said event.

13. (Previously Presented) The communication system as claimed in claim 12, wherein the first entity is a registrar.

14. (Previously Presented) The communication system as claimed in claim 13, wherein said register message configured to change the registration information relates to presence information.

15. (Previously Presented) The communication system as claimed in claim 14, wherein the second entity is a presence server.

16. (Previously Presented) The communication system as claimed in claim 11, wherein the system is configured to operate in accordance with a session initiation protocol.

17. (Currently Amended) A network element, comprising:
storage circuitry configured to~~means for~~ maintaining registration information from a plurality of users;

receiving circuitry~~means for~~configured to receive~~ing~~ a subscribe message for an event from a first entity, wherein the event is associated with a change in the registration information of at least one of the plurality of users at the network element;

receiving circuitry~~means for~~configured to receive~~ing~~ a register message from at least one user, said register message configured to change the registration information of said at least one user; and

transmitting circuitry~~means for~~configured to send~~ing~~ a notification to the first entity in response to the register message, wherein the notification includes information associated with said at least one user.

18. (Currently Amended) A network element, comprising:

storage circuitry configured to~~means for~~ maintaining information associated with a plurality of users, wherein said information is dependent on registration information maintained at a first entity;

transmitting circuitry configured to~~means for~~ sending a subscribe message for an event to the first entity, wherein the event is associated with a change in the registration information of at least one of the plurality of users at the first entity; and

receiving circuitry configured to~~means for~~ receiveing a notification from the first entity, wherein the notification includes information associated with said at least one user.

19. (New) The network element as claimed in claim 17, where an event package is defined, the event package being associated with said event

20. (New) The network element as claimed in claim 19, wherein the network element is a registrar.

21. (New) The network element as claimed in claim 20, wherein the change in registration information relates to presence information.

22. (New) The network element as claimed in claim 21, wherein the first entity is a presence server.

23. (New) The network element as claimed in claim 17, wherein the system operates in accordance with a session initiation protocol.

24. (New) The network element as claimed in claim 23, wherein the subscribe message comprises a session initiation protocol SUBSCRIBE message, and the notification comprises a session initiation protocol NOTIFY message.

25. (New) The network element as claimed in claim 18, where an event package is defined, and the event package being associated with said event.

26. (New) The network element as claimed in claim 25, wherein the first entity is a registrar.

27. (New) The network element as claimed in claim 26, wherein the change in registration information relates to presence information.

28. (New) The network element as claimed in claim 27, wherein the network element is a presence server.

29. (New) The network element as claimed in claim 18, wherein the system operates in accordance with a session initiation protocol.

30. (New) The network element as claimed in claim 29, wherein the subscribe message comprises a session initiation protocol SUBSCRIBE message, and the notification comprises a session initiation protocol NOTIFY message.

31. (New) The network element as claimed in claim 18, wherein a further network element sends a subscribe message to the network element for information associated with said at least one user.

32. (New) The network element as claimed in claim 31, wherein the network element sends a notification to the further network element in response to the notification received at the network element, wherein said sent notification includes information associated with said at least one user.

33. (New) The network element as claimed in claim 31, wherein the further network element is an application server.

34. (New) A method, comprising:

maintaining, in a registrar server of a communication system, registration information from a plurality of users;

maintaining, in a presence server of the communication system, information associated with said plurality of users, wherein said presence server information is dependent on the registration information;

sending a subscribe message for an event from the presence server to the registrar server, wherein the event is a change in the registration information of at least one of the plurality of users at the registrar server;

receiving at the registrar server a register message from at least one user, said message changing the registration information of said at least one user; and

sending a notification from the registrar server to the presence server in response to the register message, wherein the notification includes information associated with said at least one user.

35. (New) A communication system, comprising:

a registrar server configured to maintain registration information from a plurality of users; and

a presence server configured to maintain information associated with said plurality of users, wherein said presence server information is dependent on the registration information,

wherein said presence server is configured to send a subscribe message for an event to the registrar server,

wherein said registrar server is configured to receive a register message from at least one user, said register message configured to change the registration information of said at least one user,

wherein the event is associated with a change in the registration information of at least one of the plurality of users at the registrar server,

wherein said registrar server is configured to send a notification from the registrar server to the second entity in response to the register message, and

wherein the notification includes information associated with said at least one user.

36. (New) A registrar server, comprising:

storage circuitry configured to maintain registration information from a plurality of users;

receiving circuitry configured to receive a subscribe message for an event from a presence server, wherein the event is associated with a change in the registration information of at least one of the plurality of users at the registrar server;

receiving circuitry configured to receive a register message from at least one user, said register message configured to change the registration information of said at least one user; and

transmitting circuitry configured to send a notification to the presence server in response to the register message, wherein the notification includes information associated with said at least one user.

37. (New) A presence server, comprising:

storage circuitry configured to maintain information associated with a plurality of users, wherein said information is dependent on registration information maintained at a registrar server;

transmitting circuitry configured to send a subscribe message for an event to the registrar server, wherein the event is associated with a change in the registration information of at least one of the plurality of users at the registrar server; and

receiving circuitry configured to receive a notification from the registrar server, wherein the notification includes information associated with said at least one user.